C1850-12A

AUGUST 1992 • A CAHNERS PUBLICATION

SECURITY®

FOR BUYERS OF PRODUCTS, SYSTEMS AND SERVICES

ISC EAST
Aug. 25-27
New York City

Curbing Courthouse Violence p. 16

Secure Doors That Revolve p. 22

Video Multiplexing p. 29

Intercoms Integrate p. 39

"Hairy" ID On Art p. 45

Tour Systems For Officers p. 69

Prints Find Missing Children p. 94

Hank Feeney
Project Manager, Security
Harris County Courthouses

AUGUST 1992/A CAHNERS PUBLICATION

SECURITY®

FOR BUYERS OF PRODUCTS, SYSTEMS AND SERVICES

VOLUME 29 NUMBER 8

16 ACCESS CONTROL
16 Fighting Courthouse Violence
17 Courts Use More Detection
20 Smart Cards Now Accessible
20 Secure, Retractable Walls
22 Energy-saving Revolving Doors
24 Prison's New Perimeter

29 CCTV
29 Compression Speed, Storage
29 Multiplexing Priorities
30 Real Time Multiple Video
32 Phoneline Monitors ATMs

35 FIRE PROTECTION
35 OSHA Sparks Training Needs
36 Fires Burn Industry Most
36 Records Save — Bob Ruyle

39 INTEGRATED SYSTEMS
39 Intercoms Now Integrate
39 Audio/Video Monitoring
40 Hurdles to Integration
42 Integration Equals Automation

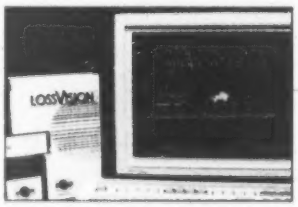
43 IDENTIFICATION
43 Hairy Authentication
43 EXCLUSIVE: ID's Sudden Expansion
48 Clips, Holders for Badges
48 Imaging Goes to Olympics

51 COMMUNICATIONS
51 Battery Callbox Retrofit
52 A U.S. Cellular Data Network

55 SCREENING
55 Negligent Hiring Threats
55 Biggest Harms to Business

COVER: Hank Feeney, project manager for perimeter and lobby security, Harris County Courthouses, manages entry controls. 16

OSHA's new Confined Space Regulation increases the need for outside training services. 35



The Loss Vision Security Management software package automates security office functions. 80

57 CONSULTING
57 Security Engineers
57 Outsourcing — Dennis Dalton
58 Equifax Reforms Services

61 MONITORING
61 Earthquake-prone Facilities
62 Prioritizing VIP Protection
64 EXCLUSIVE LISTING: Diversified Monitoring

69 OFFICERS
69 Hot Guard Tour Systems

73 INVESTIGATIONS
73 EXCLUSIVE: Worker Privacy Battleground

79 COMPUTERS
79 Secure Lock-downs
79 PCs — Larry Pavlicek

7 IN THIS ISSUE
7 ID for Children, More

9 NEWS
9 A National Drivers' ID
12 McCrie Honored

81 PEOPLE
81 Bridging Government/Industry
81 Subliminal Loss Prevention

84 MARKETPLACE
77 Reader Service Cards
92 Classifieds

94 ZALUD REPORT
94 Quality Kid Prints

SECURITY

Editor
Bill Zalud
Associate Editor
Brenda Moss
Staff Editor
Stephen C. George
Production Editor
Timothy Russow

Publisher
Jack Hollfelder
Assistant to the Publisher
Debra Nash
Manager of Marketing Services
Diane Gnotek
Directory
Nancy Rademacher

VP/Executive Art Director
Antonios Pronoitis
Director, Art Department
Judy Whitt
Assistant Director, Art Department
Glen Luensman
Director of Graphic Production
Gilbert Munoz

Production Supervisor
Ralph A. Burris
Production Manager
Peggy Wood
Director of Advertising Contracts
Nancy J. Cooper
Advertising Contract Manager
Joyce Simon

Circulation Group Manager
John Bowman

Editorial Offices
1350 E. Touhy Avenue
P.O. Box 5080
Des Plaines, Ill. 60018
(708) 635-8800

Screening Deflects Negligent Hiring Suits

Negligent hiring lawsuits are increasing — although not at the booming pace we'll see later this decade, according to litigation experts.

It's a serious threat to employers of both proprietary and contract workers. And businesses which employ high-exposure, service-oriented security officers are among the most vulnerable.

Following a study of its client base, U S Datalink, Inc., a Baytown, Texas-based pre-employment background screening provider, recently learned that more than 45 percent of job applicants lie at least once on their resumes or application forms. The firm's data helps drive home the need for employers to conduct comprehensive pre-employment background checks to reduce the chance of hiring employees who are likely to perpetrate negligent hiring suits.

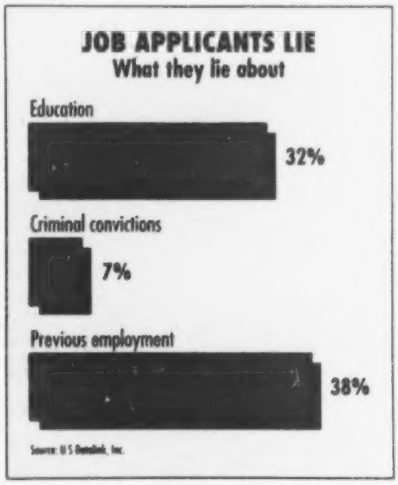
"When applicants lie, usually it's about the type of educational degree earned — not the school attended —and they lie about being in charge of certain things they weren't," says Becky Parker, U S Datalink researcher.

Phil Schiedermayer, CPP, president and principal consultant, Profitect Inc., Walnut Creek, Calif., says "It's the tip of the iceberg as far as litigation. Court rulings in the past three years have been such that there will be more of them. But we still haven't seen enough litigation. Trial lawyers have not yet realized there's another bonanza.

"I see it as a sequence that occurs when you take several steps in the area of corporate responsibility," Schiedermayer continues. "We've seen growth in the failure of on-site security." ■

For More Information

Profitect	Circle 131
U S Datalink	Circle 132
Other Background Investigation Sources	
Business Risks Intl.	Circle 133
Kohn & Co. Inc. (K&CI)	Circle 134
Pinkerton Security & Investigation Services	Circle 135
Wells Fargo	Circle 136



About one-third of job applicants lie about, avoid or stretch the truth.

Mistreatment, Theft Most Harm Business Firms

Nationwide reports from more than 300 companies in a variety of industries reveal that employee mistreatment and theft were the most frequent causes of loss or harm to businesses in 1991.

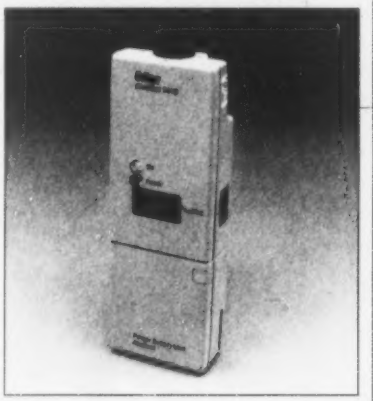
Findings of the Ninth Annual Summary of Incidents reported anonymously to The Network Inc., an Atlanta-based firm which provides companies a toll-free number and information gathering services regarding workplace issues, confirm that employee mistreatment was the concern among 24 percent of the more than 7,200 calls The Network received in 1991. Mistreatment also topped the list in 1990 with 25 percent of calls. Theft of goods, cash and time was second with 22 percent of calls. Theft also represented 22 percent of calls in 1990.

"These concerns reflect how much people care about their work environment," says Ed Stamper, Network president. "Because of new federal sentencing guidelines that heavily fine organizations that fail to implement preventive programs, companies now have more to gain than ever before from soliciting the help of their employees, customers and vendors." ■

For More Information

The Network — Circle 137

On the Market



Evidential Alcohol Test

National Draeger Inc.'s Alcotest 7410 is a hand-held breath alcohol measuring instrument. A D.O.T.-approved evidential compliance tool, it displays test results in either percent of breath alcohol concentration (BAC) or pass/alert/fail (P/A/F). The microprocessor-controlled sampling system guarantees a precise and tamper-proof sample measurement.

For information circle **138**

Questionnaire for Retail

London House/SRA introduces a new paper-and-pencil questionnaire for prospective retail sales associates, the Sales Personnel Selection Inventory (Sales-PSI). In addition to predicting retail sales success, the questionnaire measures applicants' attitudes toward employee theft.

For information circle **139**

Security Engineers Rise to Tech Challenge

Security engineers, many state licensed, are broadening their scope.

"The security consultant who is also an engineer does not limit himself to the technical portions of security," says Bert Cohn, PE, CPP, of Bert Cohn Associates, Chicago.

For instance, in performing a comprehensive security study, Cohn says a security engineer may evaluate the adequacy of security operations, the proficiency and training of security personnel and the adequacy of physical features as part of the overall picture.

Consulting and Specifying

Preliminary engineering design takes into consideration facility operations, desired levels of security, life-cycle costs and other factors.

Specifications may be written around a particular vendor. "If the vendor provides the specs, he may insert language that unnecessarily limits the competition," Cohn says. "And he may be the only bidder who meets the specifications."

At times, however, the engineer may find that only one vendor's product will adequately serve the client's needs. In any event, many security engineers avoid conflict of interest by not having a pecuniary or other personal interest in any vendor or contractor who may bid on the project.

Regulations and Ethics

Individual states regulate the practice of engineering. Most prohibit the offering of engineering services to the public or the preparation of engineering designs without being licensed as a professional engineer. Some states also license companies as professional engineering firms.

In addition, many engineering societies have codes of ethics. Consulting en-

Turning the Tide of Outsourcing

As corporate America redefines itself, the idea of outsourcing has become a popular one. Replacing a proprietary staff with a contractor runs the entire continuum of back office functions. Security departments are no exception.

The Hallcrest II Report projects that contract employees will continue to outstretch proprietary forces through this decade.

Converting to a contract agency requires four basic business criteria. The first is clearly economic. Well-planned conversions can typically reduce operating expense by at least 20 percent. Much of this is in the area of paying reduced wages and benefits to contract employees. Pending legislation and recent court decisions could radically alter this advantage, however.

Dennis Dalton

Secondly, conversions typically allow the corporation to transfer a significant portion of the associated business risk. A firm can and should demand a reasonable indemnification and "hold-harmless" relationship with any supplier. To this extent, relief from damages can be sought, provided the firm can prove that it is not a co-employer. Such relief is generally limited to the supplier's insurable limits. Since co-employment is difficult to defend against — and actively encouraged by most contractors — there is a substantial limitation on companies considering a conversion.

The third reason for a conversion is to achieve greater management flexibility. The recently passed Americans with Disabilities Act, coupled with an inability by many suppliers to meet the end user's management requirements, places this criteria in jeopardy.

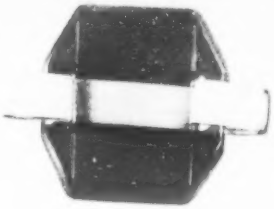
The final reason for seeking a conversion is to improve the quality of service. This has historically proven to be the industry's nemesis. In spite of the progress in this area, many contractors fail to live up to the expectations of their clients, particularly those within senior management. The issue of not providing quality service transcends the arguments of low pay, poor benefits and inadequate training, among others. Absent a holistic approach to the issue of quality service, companies are likely to look inward for answers.

Does this mean that we'll see reconversions? I don't believe so. I think that we are likely to be coming to the end of this current cycle. After all, as with so many other business phenomena, the issue of staff conversions is an aspect of corporate life that seems to ebb and flow. — ***Dennis Dalton is president of Dalton Affiliates, Fremont, Calif.*** ■

Other areas of consulting included computer security, risk analysis, investigations and a host of highly specialized jobs.

• Retractable Card Holder
• Tested to 10,000 Pulls

Wrist Coil
Card Holder



Arm Band
Style

• Magnetic Badge Holders
• No Clips or Pins Needed
• 18 Sizes Available

What's New In Badge Holders

Issuing ID cards is one thing. Getting your people to wear them is another.

That's why our latest badge holder products offer the benefits that card wearers appreciate: a professional appearance, fewer lost cards, no damage to clothing and convenient access to card readers.

To see all of our innovative badge holders, please call for a free 12 page catalog.

JAM

J.A.M. PLASTICS, INC.
1440-M PIONEER ST. • BREA, CA 92621
310-690-8383
FAX 310-690-4330

For information circle **408**

ADVANCED TechTalk™
WORLD'S SMALLEST PORTABLE

5–7 MILE RANGE

FREE:
NI-CAD BATTERY
6" ANTENNA
WALL CHARGER
SOFT CASE
BELT CLIP
1 FREQUENCY

FREE! 30-DAY TRIAL

A technological breakthrough in miniaturization—only 5"×2¼"×1¾"

5 YEAR WARRANTY AVAILABLE

5 WATT
4 CHANNEL
$329.50
VHF

MOTOROLA
Radius

LOWEST PRICE IN USA

- Three-year warranty
- 900 Motorola Service Centers Nationwide
- State-Of-The-Art Synthesized Design
- Ruggedly Die Cast Aluminum Frame
- Microprocessor based "Smart" Circuitry performs self diagnostic check
- Two operating frequencies of your choice installed

OPTIONS:
- Rechargeable Battery
- 6" Antenna
- Belt Clip Holster
- Compact Charger

$339.00 VHF

FREE! 30-DAY TRIAL

ADVANCED VIDEOTECH CORP.

FREE 16 PAGE COLOR CATALOG

1840 COUNTY LINE ROAD • HUNTINGDON VALLEY, PA 19006
TOLL FREE 1-800-233-0013
IN PA (215) 322-4600 • FAX: (215) 322-4606

VISA MasterCard

For information circle **409**

SECURITY CONSULTING

gineering firms may be members of the American Consulting Engineers Council, and, as such, would have no affiliations with construction or manufacturing companies that would cause conflicts of interest, much as the International Association of Professional Security Consultants (IAPSC) restricts its members from company affiliations.

Local security contractors are often familiar with security consulting and engineering firms and know which ones have a reputation for fairness and competency. — ***Edited by Stephen C. George; information supplied by Bert Cohn Associates.*** ■

For More Information

American Consulting Engineers Council	Circle 151
Bert Cohn Associates	Circle 152
IAPSC	Circle 153

Equifax Accord Smooths Credit Reporting Bumps

Credit reporting giant Equifax Inc., of Atlanta, Ga., just weeks ago reached an accord with 18 states aimed at improving the accuracy and accessibility of its consumer services.

The Equifax accord comes about seven months after a lawsuit forced TRW Inc. of Cleveland to reform its credit reporting practices. The TRW move followed legal action by the Attorney General offices of 19 states and involvement of the Federal Trade Commission.

Standardizing national credit reporting procedures at a level acceptable to consumer groups, law enforcement agencies and government regulators is a marketplace trade-off as Congress continues to wrangle over reform of the federal Fair Credit Reporting Act. Personal credit reports, collected and maintained primarily by three national firms, but disseminated through hundreds of credit information brokers, are used by business employers as one method of employment screening. Some credit reporting firms also track criminal histories, in addition to financial data. ■

Tour Systems: Two-way Monitoring of Property

Barcode, magnetic stripe, infrared, proximity — these and other technologies, once exclusive to access control, identification and other aspects of security, are now finding their way into the hands of security officers. Literally.

Guard tour systems have gained a significant foothold in the marketplace. Exclusive SECURITY Magazine research reveals that nearly 40 percent of the security officer population works with, or is trained in the operation of, these hand-held tour management systems. Given the increasing ease of use and decreasing costs involved with such systems, this percentage is likely to grow.

TOUR SYSTEM USE

39%

Source: SECURITY Magazine

A significant number of security officers now employ, or are trained, in the use of some type of guard tour system.

"There are two ways to look at guard tour systems," says Bob MacDonald, director of marketing and sales for Detex Corp., New Braunfels, Texas. "Normally, the users — the business owner or occupant — want something to manage the officer when they're not there; something that can't be compromised. Of course, the other side is security — making sure everything is in place, that all the doors are locked and the windows aren't broken."

Two-edged Management

As MacDonald explains, guard tour systems also provide an extra level of management. Most can be downloaded using management software; many hand units can be downloaded directly to serial printers for instant tour reports. By providing this level of accountability, many end users find a guard tour system pays for itself in discounts given from insurance underwriters, who recognize the value of such technology as a hedge against liability.

Barcode Economics

Currently, the most economical and, not coincidentally, the most popular, types of tour systems employ barcode technology. The downside — that barcode strips are easily photocopied or removed and destroyed — has been eliminated by most manufacturers.

"These days, most barcode strips are made so that they self-destruct once they're removed or tampered with," explains David Buck, product manager for guard tour systems at Timekeeping Systems, Inc., Cleveland. Timekeeping's system allows end users to print their own barcodes. Black transmissive film coverings copy-protect the barcodes.

"For outside touring, most people want contact points they can put anywhere, so barcodes need to be protected somehow," adds Marc Bohn, director of marketing for Lathem Time Corp., Atlanta, Ga. Currently, the company manufactures etched barcodes on anodized aluminum. As an added measure of security, Lathem and other companies used infrared readers, defeating photocopied fakes.

But contact points aren't the only part of the system in need of protection. To that end, guard tour hardware manufacturers usually construct their hand-held readers out of durable lightweight metals. Lathem's reader is sealed cast aluminum with a retractable sapphire read tip. Detex's ergonomic Data Acquisition Unit is constructed of ABS plastic. Hand Held Products, Charlotte, N.C., which manufactures readers for several guard tour system companies, subjects its Micro- and Laser-Wands to a number of torture tests, including a seven-foot drop onto concrete.

Hot Technologies

Some manufacturers do more than barcode systems. For instance, Deister Electronics, Manassas, Va., in addition

On the Market

Civil Liability Booklet

The International Foundation for Protection Officers (IFPO) has published *Civil Liability for Security Personnel* by Chris Hertig, CPP, CPO. The book offers tips on giving depositions, preventing liability through improved training and supervision, security-related negligence liability under Section 1983 of the United States Code, sexual harassment and other subjects. The book also features an extensive section on civil liability terms.

For information circle **193**

Firearm Storage Bags

Bianchi International's Bianchi Blue Bags are 6-mil polyethylene bags with volatile corrosion inhibitors to protect handguns and long guns from rust, corrosion and oxidation for three years. The bags emit a vapor protecting carbon and stainless steel, aluminum, silver, titanium, brass, copper and bronze from rust and corrosion. The translucent bags also protect other metals subject to corrosion from moisture, salt and pollutants. The bags come in three sizes.

For information circle **194**

to protected barcode systems, also markets the De Prox — a proximity reader for high-end, discreet applications, such as museums and jewelry stores.

Meanwhile, Videx, Corvallis, Ore., introduced its TouchProbe system at the recent ID Expo in Chicago. TouchProbe reads information from small, metal touch buttons manufactured by Dallas Semiconductor, Dallas, Tx. Dag Pedersen, marketing communications manager for Videx, jokingly calls the technology "barcode-in-a-can."

"It's very good for situations where you need protection from the environment," says Pedersen. "Plus, you can't copy the button." The buttons currently exist in a read-only format, as well as a read-write button that accepts downloaded information from a reader.

But the heart of any tour system is the software.

Info Management

"Software is key for management, providing tour reports, customizing the way your information is output," says Steve Campisi, CEO of DataFlo, Omaha, Neb. Campisi's company prides itself on its software, which is frequently updated and fine-tuned, based on research and client input. DataFlo's Watchdog system works with a library of modular software, essentially allowing an end user to custom-design a management system for specific applications.

"With any system, a user wants some versatility," concurs Timekeeping's David Buck. "We've tried to make our system as management-based as possible, with plenty of aspects that are user-definable." ■

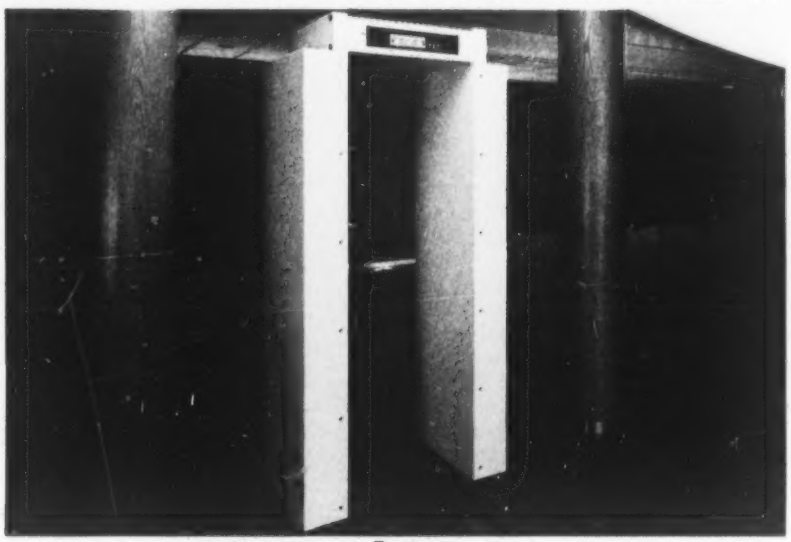
For More Information

Dallas Systems	Circle 176
DataFlo	Circle 177
Deister Electronics	Circle 178
Detex Corp.	Circle 179
Hand Held Products	Circle 180
Lathem Time Corp.	Circle 181
Timekeeping Systems	Circle 182
Videx	Circle 183
Other Guard Tour Manufacturers	
Casi-Rusco	Circle 184
FMS	Circle 185
Matrix Systems	Circle 186
Morse Watchmans	Circle 187
Motorola	Circle 188
Proprietary Controls Systems Corp.	Circle 189
Software House	Circle 190
Tel-Trol	Circle 191
Tiscor	Circle 192

In Brief

Pinkerton tops list in L.A. — Pinkerton Security and Investigation Services, Van Nuys, Calif., was rated "the industry leader" among the top 25 officer services in Los Angeles County, according to The List, a regular feature in the *Los Angeles Business Journal*. Burns International ranked 4th; Wells Fargo ranked 8th; Guardsmark was 18th. ☐ **Investigative Specialist program offered** — The International Security and Detective Alliance (ISDA), Corpus Christi, Texas, offers a vocational degree program in investigations and security. For more information: ISDA, Box 6303, Corpus Christi, TX 78466-6303.

WANT TO STOP COSTLY MATERIAL THEFT?



SENTRIE® HS-4™

ANNOUNCING THE SENTRIE® HS-4™ WALK THROUGH METAL DETECTOR. A SOLUTION TO MATERIAL THEFT UTILIZING STATE-OF-THE-ART TECHNOLOGY AND YEARS OF EXPERIENCE FROM THE LEADER IN PROVIDING ANSWERS TO SECURITY PROBLEMS. EMPLOYEE PILFERAGE AMOUNTS TO HUNDREDS OF MILLIONS OF DOLLARS IN LOSSES FOR COMPANIES ACROSS THE NATION. THE SENTRIE HS-4 PROVIDES A SIMPLE, COST EFFECTIVE TOOL FOR IMMEDIATELY HALTING THESE LOSSES IN A VARIETY OF APPLICATIONS. AS LONG AS IT IS MADE OF METAL, THE SENTRIE HS-4 CAN DETECT IT.

INDUSTRY EXAMPLES INCLUDE:

- ELECTRONICS MANUFACTURERS
- JEWELRY STORES & FACTORIES
- NUCLEAR PROCESSING FACILITIES
- AND ANY FACILITY USING HIGH COST METALLIC COMPONENTS.
- WEAPONS PLANTS
- MINTS & FOUNDRIES
- TOOL MANUFACTURERS

EG&G ASTROPHYSICS

Providing Technology Leadership for Security Needs™

TO RECEIVE MORE INFORMATION ON THE SENTRIE HS-4:

WRITE:
EG&G ASTROPHYSICS
P. O. BOX 22709
4031 VIA ORO AVENUE
LONG BEACH, CA 90801-5709

OR CALL TOLL FREE:
1 (800) 869-1411
ASK FOR METAL DETECTOR SALES
TELEPHONE: (310) 513-1411
FAX: (310) 513-6593

For information circle 418

ZALUD REPORT

Trends and directions for buyer planning.

Lift a Finger to Help Children

Palm and fingerprints are a valuable means of tracking down missing infants and children.

Yet, volunteer programs at schools, neighborhood fairs and other events too often yield partial or smudged prints. Scam artists also hit communities, take parents' money and leave behind dime store-quality prints.

"Even if the prints are good, parents often discover they have misplaced them at the most critical time," says Diane G. Apa, founder of the National Fingerprint Program for Child Identification. Apa works with local community groups, corporate security departments and law enforcement agencies to smooth out the child fingerprinting bumps.

Since its founding in 1983, the program has received national attention. Recently, the University of Illinois at Chicago assumed administration over the nation's only computerized child fingerprint repository, through a new University Office for the Study of Child Victimization.

"What good is a child's fingerprints if you can't find the file card or the prints are unusable," says Diana Apa, who offers a non-profit quality assurance service.

The unique service includes supplies, training, a quality review of prints and computerized database of records for quick retrieval.

Training Materials Helpful

"We provide training to people who do the fingerprinting," says Apa, who believes collecting finger and palm prints of infants and young children is a tricky business.

A child's file includes the digitized prints as well as other personal information such as scars, birthmarks and blood type. "Our system is completely parent-driven," says Apa. Parents consent for collection and maintenance of the files; a parent or guardian must request a database search if their child is missing. The group destroys files upon a child's 18th birthday.

Hot Line to Records

Parents receive a small, wallet-sized identification card, which has a hot line number that's accessible worldwide.

"Studies show hundreds of thousands of children annually are abducted by family members, are run aways or throw-aways — kicked out of their home. Fingerprints remain the most effective, positive identification of missing children," concludes Apa.

Corporate security executives seeking outreach programs in their local communities can take advantage of the centralized, ethical service. Contact: National Fingerprint Program for Child Victimization, Office for the Study of Child Victimization, University of Illinois at Chicago, 707 West Harrison St., Chicago, Ill. 60607; telephone (312) 413-7350 or FAX (312) 413-2713. ■

Music Retailers Push Harder for Source Tags

Retailers, pressuring product manufacturers for ways to decrease costs, are pushing harder for source tagging.

The National Association of Recording Merchandisers' (NARM) Loss Prevention Committee recently reviewed developments in Electronic Article Surveillance (EAS) technologies. Its conclusion: fast-track source tagging by the end of the year. Driving retailer demand: the downsizing of easier-to-steal compact disc recordings.

Tagging Standards

Retail industry pressure for source tag standards will impact EAS manufacturers and could influence development of asset protection systems in offices and factories.

NARM's Loss Prevention Committee, through an independent laboratory, is now testing technologies (including CAPS, Checkpoint, Knogo, Sensormatic, and 3M) and is expected to have prototypes available this month, with production by the end of the year.

Home center retailers previously announced similar activities aimed at speeding source tagging. NARM, a trade association of 700 companies, represents recorded entertainment retailing, and music and video wholesaling, distribution and manufacturing. ■

For More Information

CAPS	Circle 221
Checkpoint Systems	Circle 222
Knogo	Circle 223
NARM Source Tagging Project	Circle 224
Sensormatic Electronics	Circle 225
3M	Circle 226

Cahners Publishing Company, A Division of Reed Publishing USA ☐ Specialized Business Magazines for Building & Construction ☐ Research ☐ Technology ☐ Electronics ☐ Computing ☐ Printing ☐ Publishing ☐ Health Care ☐ Foodservice ☐ Packaging ☐ Environmental Engineering ☐ Manufacturing ☐ Entertainment ☐ Media ☐ Home Furnishings ☐ Interior Design ☐ and Lodging; Specialized Consumer Magazines for Child Care ☐ Boating ☐ and Wedding Planning.
SECURITY (ISSN 0890-8826) (GST #123397457) is published monthly, except for March and August when two issues are published in national and separate editions, by The Cahners Publishing Company (Subscription includes all issues). Cahners Publishing Company is a Division of Reed Publishing USA, 275 Washington St., Newton, MA 02158-1630. Terrence M. McDermott, President; Frank J. Sibley, Executive Vice President; Charles E. Moodhe, Senior Vice President/General Manager, Chicago Division; Jerry D. Neth, Senior Vice President/Publishing Operations; J.J. Walsh, Senior Vice President/Finance; Thomas J. Dellamarta, Senior Vice President/Production and Manufacturing; Ralph Knupp, Vice President/Human Resources. Circulation records are maintained at Cahners Publishing Company, 44 Cook St., Denver, CO 80206-5800. Phone: 303/388-4511. Second-class postage paid at Denver, CO 80206-5800 and additional mailing offices. **Postmaster: send address corrections to SECURITY P.O. Box 173377, Denver, CO 80217-3377.** **SECURITY** copyright 1992 by Reed Publishing USA; Ronald G. Segel, Chairman and Chief Executive Officer; Robert L. Krakoff, President and Chief Operating Officer; William M. Platt, Senior Vice President. Annual subscription rates for non-qualified people: USA, $59.95; Canada/Mexico, $89.95; other countries, $115 for surface mail and $165 for air mail. Single copies are available for $10, $14 and $18 (USA, Canada/Mexico and foreign). Product source guide is available for $50. Please address all subscription mail to **SECURITY**, 44 Cook St., Denver, CO 80206-5800. **SECURITY** is a registered trademark of Reed Properties Inc., used under license.